

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	1	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/772,916 02/05/2004		02/05/2004	Fumiaki Oba	TWA97USA	5242
270	7590	03/10/2006		EXAMINER	
HOWSON	AND H	OWSON	WUJCIAK, ALFRED J		
SUITE 210 501 OFFICE	E CENTE	R DRIVE	ART UNIT	PAPER NUMBER	
		PA 19034	3632		

DATE MAILED: 03/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Disposition of Claim(s) ## Disposition of Cl		Application No.	Applicant(s)					
Affred Joseph Wujclak III 3532 Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for reply specified shows is less than thiny (20) days, a reply within the statutory minimum of thiny (30) days will be considered timely. If the period for reply specified shows, be maximum statutory period will apply and will expire SIX (MWINTS) from the mailing date of this communication. If the period for reply specified shows, be maximum statutory period will apply and will expire SIX (MWINTS) from the statutory period will apply and will expire SIX (MWINTS) from the statutory period will apply and will expire SIX (MWINTS) from the statutory period will apply and will expire SIX (MWINTS) from the statutory period will apply and will expire SIX (MWINTS) from the statutory and will expire SIX (MWINTS) from the statutory period will apply and will expire SIX (MWINTS) from the statutory and will expire with a will expire any any received any residued by the Ordina state of the communication. A propriet that apply and the state of the communication and the state of the communication. This action is FINAL. 2 b) This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Exparte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s)		10/772,916	OBA ET AL.					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Eathersides of the may be available under the provides of 3°C FR 1.13(4), in no event, however, may a reply be timely field Eathersides of the may be available under the provides of 3°C FR 1.13(4), in no event, however, may a reply be timely field Eathersides of the may be available under the provides of 3°C FR 1.13(4), in a reply within the statutory finded under the provide of the provides of the period for reply specified above, the maximum statutop prode will supply and wite legals for \$0.000 (\$1.00	Office Action Summary	Examiner	Art Unit					
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CPR 1.35(a). In no event, however, may a reply be timely filed Extensions of time may be available under the provisions of 37 CPR 1.35(b). In no event, however, may a reply be timely filed Extensions of time may be available under the provisions of 37 CPR 1.35(b). In no event, however, may a reply be timely filed If No period for reply a specified above, the maximum statutory provided will apply and will recipie SIX (6) MONTHS from the making date of the communication. Pathlets for the making date of the communication of the communication. Pathlets for the communication, and the communication of the communication, and the communication and pathlets. Pathlets for the communication, even if timely filed in any reflece any examined pathlets. Pathlets for the communication, even if timely filed in any reflece any examined pathlets. Pathlets for the communication, even if timely filed in any reflece any examined pathlets. Pathlets for the communication, even if timely filed in any reflece any examined pathlets. Pathlets for the communication is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-12 Is/are pending in the application. 5) Claim(s) 1-12 Is/are pending in the application. 6) Claim(s) 1-12 Is/are pending in the application and for election requirement. Application Papers 9) The specification is objected to by the Examiner. Application Papers 9) The specification is objected to by the Examiner. Application Papers 10) The drawing(s) filed on 0.5 Febru								
THE MAILING DATE OF THIS COMMUNICATION. Ediminion of time may be available under the provides of 3 CFR 1.13(6). In no event, however, may a reply be timely filed after SX. (6) MCNTIST from the mailing date of this communication. If NO panel for reply is socialised under the provides of 3 CFR 1.13(6). In no event, however, may a reply be timely filed after SX. (6) MCNTIST from the mailing date of this communication. If NO panel for reply is socialised bases, the maximum studency prefer what supply with the mail SX (6) MCNTIST from the mailing date of this communication. Fall to merely within the set of certended pendod for reply will, by statute, cause the application to become ARANDONED (35 U.S.C. § 133). Any reply revoked by the Official set than three monits after the mailing date of this communication, even if timely filed, may reduce any examinar platent term adjustment. See 57 CFR 1.72(6): Status 1) Responsive to communication(s) filed on 12 December 2005. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-17 (s/are pending in the application. 4a) Of the above claim(s) 18-21 is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 7) Claim(s) is/are objected to by the Examiner. 4) The drawing(s) filed on 05 February 2004 (s/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.35(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The orath or declaration is objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abe								
1)⊠ Responsive to communication(s) filed on 12 December 2005. 2a)⊠ This action is FINAL. 2b)	 THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any 							
2a) ☐ This action is FINAL. 2b ☐ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) 1-17 is/are pending in the application. 4a) Of the above claim(s) 18-21 is/are withdrawn from consideration. 5) ☐ Claim(s)	Status							
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-17 is/are pending in the application. 4a) Of the above claim(s) 18-21 is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 05 February 2004 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.52(d). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-982) 3) Information Discasure Statement(s) (PTO-1449 or PTO/S8/08)	1) Responsive to communication(s) filed on 12 De	ecember 2005.						
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4)	2a)⊠ This action is FINAL . 2b)□ This	action is non-final.						
4)								
4a) Of the above claim(s) 18-21 is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☒ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on <u>05 February 2004</u> is/are: a) ☒ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☒ All b) ☐ Some * c) ☐ None of: 1. ☒ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Braftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) ☐ Notice of Toriformal Patent Application (PTO-152)	Disposition of Claims							
9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on 05 February 2004 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) ☐ Notice of Informal Patent Application (PTO-152)	4a) Of the above claim(s) <u>18-21</u> is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☒ Claim(s) <u>1-17</u> is/are rejected. 7) ☐ Claim(s) is/are objected to.							
10) The drawing(s) filed on <u>05 February 2004</u> is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some color None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	Application Papers							
10) The drawing(s) filed on <u>05 February 2004</u> is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some color None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)	9) The specification is objected to by the Examine	r.						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)								
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☑ All b) ☐ Some * c) ☐ None of: 1. ☑ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Breferences Cited (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) ☐ Notice of Informal Patent Application (PTO-152)	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 5) Notice of Informal Patent Application (PTO-152)								
a)	Priority under 35 U.S.C. § 119							
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application (PTO-152)	 a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). 							
. apa	Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	te					

DETAILED ACTION

This is the final Office Action for the serial number 10/772,916, PARTS RETAINING

PANEL AND METHOD OF MOUNTING AND SECURING PARTS, filed on 2/5/04.

Election/Restrictions

Applicant's election of group I (apparatus) in the reply filed on 7/27/05 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent # 4,770,399 to Sosson et al. in view of US Patent # 5,685,441 to Calfee.

Sosson et al. teaches an assembly (figure 1) comprising a parts-retaining panel (1) and a set of cooperating parts (2-4). The panel being removable from the parts when the parts are mounted in operative relationship in the mechanism/engine (M). The parts-retaining panel includes a plurality of retainers (2a,3a) protruding from a face thereof. The retainers holding the

Art Unit: 3632

parts on the panel. The panels include a plurality of through holes (8-9) through which fasteners (10-11) are inserted therein. The panel is recyclable (plastic material, col. 3, lines 18-19).

Sosson et al. teaches the recyclable panel (plastic material, col. 3, lines 18-19) having a plurality of corners but fails to teach the plurality of corners having a leg. Calfee teaches the panel (13) having plurality of corners with leg (16,18,20). It would have been obvious for one of ordinary skill in the art at the time the invention was made to have added leg to Sosson et al.'s panel as taught by Calfee to provide support for the panel to maintain in upright direction when mounted on the other panel and provide clearance between the two panels when the parts are retained in the panels.

Response to Arguments

Applicant's arguments filed 12/12/05 have been fully considered but they are not persuasive.

The applicant argues that there is no need for adding legs to Sosson because the parts are accommodated in recesses in a thick panel. The examiners disagrees with the applicant because in order to stack up Sosson's panel, legs need to be added to provide some clearance for the parts between the two panels. Figure 2 in Sosson's invention shows at least one parts (11) is extending outward of the panel and that if stacked up without using the legs from Calfee's invention, the panels would not sit evenly on each other.

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching,

Application/Control Number: 10/772,916

Art Unit: 3632

suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5

USPQ2d 1596 (Fed. Cir. 1988)and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, Sosson and Calfee both teach panel and that the examiner is using Calfee's legs to Sosson's panel to provide clearance for the parts when the panels are stacked up.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alfred Joseph Wujciak III whose telephone number is (571) 272-6827. The examiner can normally be reached on 8am-4:30pm.

Application/Control Number: 10/772,916 Page 5

Art Unit: 3632

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Olszewski can be reached on (571) 272-6815. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Alfred Joseph Wujciak III

Examiner

Art Unit 3632

3/6/06

MOBERT P. OLSZEWSKI PERVISORY PATENT EXAMINER

NIOLOGY CENTER 3600